Journal of Nuclear Materials 205 (1993) 497–499
North-Holland

journal of nuclear materials

Author index

Adamson, R.B., see Kruger, R.M. 205 (1993) 242
Ahlers, M., see Tolley, A. 205 (1993) 339
Allen, T., see Was, G.S. 205 (1993) 332
Atzmon, M., see Carter, R.D. 205 (1993) 361
Averback, R.S., see Bui, T.X. 205 (1993) 312

Bacon, D.J., A.F. Calder, J.M. Harder and S.J. Wooding, Computer simulation of low-energy displacement events in pure bcc and hcp metals 205 (1993) 52
Bacon, D.J., H.F. Deng and F. Gao, Computer simulation of threshold displacement events in alloys 205 (1993) 84
Bacon, D.J., see Tappin, D.K. 205 (1993) 92
Barbu, A., see Dunlop, A. 205 (1993) 426
Bellon, P., see Martin, G. 205 (1993) 301
Bellon, P., see Soisson, F. 205 (1993) 324
Bellon, P., P.R. Okamoto and G. Schumacher, Non-equilibrium structures induced by ion irradiation in Ni_4Mo 205 (1993) 438
Birtcher, R.C., see Rehn, L.E. 205 (1993) 31
Bischler, P.J.E., see Buswell, J.T. 205 (1993) 198
Brown, L.M., see Perovic, V. 205 (1993) 251
Brown, L.M. and G.D. Moan, A baker's dozen of questions on the evolution of microstructure in metals during irradiation 205 (1993) 490
Bui, T.X., I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk, Radiation-induced segregation behavior in random and ordered face-centered cubic materials 205 (1993) 312
Buswell, J.T., P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian, Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal 205 (1993) 198

Calder, A.F., see Bacon, D.J. 205 (1993) 52
Cann, C.D., C.B. So, R.C. Styles and C.E. Coleman, Precipitation in Zr–2.5Nb enhanced by proton irradiation 205 (1993) 267
Carter, R.D., D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik, Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel 205 (1993) 361
Charquet, D., see Pêcheur, D. 205 (1993) 445
Chen, G., see Smalinskas, K. 205 (1993) 483
Chow, C.K., see Holt, R.A. 205 (1993) 293
Coleman, C.E., see Cann, C.D. 205 (1993) 267

Damcott, D.L., see Carter, R.D. 205 (1993) 361
Deng, H.F., see Bacon, D.J. 205 (1993) 84
Diaz de la Rubia, T., see Shimomura, Y. 205 (1993) 374
Dubuisson, P., D. Gilbon and J.L. Séran, Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix 205 (1993) 178
Dunlop, A., D. Lesueur and A. Barbu, Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations 205 (1993) 426

English, C.A., see Tappin, D.K. 205 (1993) 92
English, C.A., see Phythian, W.J. 205 (1993) 162
English, C.A., see King, S.L. 205 (1993) 467
Ermi, A.M., see Garner, F.A. 205 (1993) 206
Eyre, B.L. and J.R. Matthews, Technological impact of microstructural evolution during irradiation 205 (1993) 1

Fenton, S.T., see Buswell, J.T. 205 (1993) 198
Fleck, R.G., see Perovic, V. 205 (1993) 251
Fukushima, H. and Y. Shimomura, Damage structure due to displacement cascades in 14 MeV neutron-irradiated metals studied by positron lifetime and TEM techniques 205 (1993) 59

Gao, F., see Bacon, D.J. 205 (1993) 84
Garner, F.A., Evolution of microstructure in face-centered cubic metals during irradiation 205 (1993) 98
Garner, F.A., see Sekimura, N. 205 (1993) 190
Garner, F.A., N. Sekimura, M.L. Grossbeck, A.M. Ermi, J.W. Newkirk, H. Watanabe and M. Kiritani, Influence of details of reactor history on microstructural development during neutron irradiation 205 (1993) 206
Garner, F.A., J.M. McCarthy, K.C. Russell and J.J. Hoyt, Spinodal-like decomposition of Fe–35Ni and Fe–Cr–35Ni alloys during irradiation or thermal aging 205 (1993) 411

Gelles, D.S., Effects of stress on microstructural evolution during irradiation 205 (1993) 146
Gilbon, D., see Dubuisson, P. 205 (1993) 178
Gilbon, D., see Griffiths, M. 205 (1993) 273
Griffiths, M., Evolution of microstructure in hcp metals during irradiation 205 (1993) 225
Griffiths, M., D. Gilbon, C. Regnard and C. Lemaignan, HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys 205 (1993) 273
Grossbeck, M.L., see Garner, F.A. 205 (1993) 206
Guinan, M.W., see Shimomura, Y. 205 (1993) 374

Hamada, S., K. Hojou and A. Hishinuma, In-situ observation of an austenitic stainless steel weld joint during helium irradiation 205 (1993) 219
Harder, J.M., see Bacon, D.J. 205 (1993) 52
Haworth, J., see Smalinskas, K. 205 (1993) 483
Herring, R.A., T. Tanji and D.O. Northwood, HREM of ⟨c⟩-type dislocations in high-dose neutron-irradiated and postirradiation annealed Zircaloy-2 205 (1993) 284
Hishinuma, A., see Hamada, S. 205 (1993) 219
Hojou, K., see Hamada, S. 205 (1993) 219
Holt, R.A., see Perovic, V. 205 (1993) 251
Holt, R.A., C.H. Woo and C.K. Chow, Production bias – A potential driving force for irradiation growth 205 (1993) 293
Howe, L.M., see Motta, A.T. 205 (1993) 258
Hoyt, J.J., see Garner, F.A. 205 (1993) 411
Hsieh, W.F., see Lee, Y.S. 205 (1993) 476
Huang, C.Y., see Lee, Y.S. 205 (1993) 476
Huang, K.Y., see Lee, Y.S. 205 (1993) 476

Jäger, W. and H. Trinkaus, Defect ordering in metals under irradiation 205 (1993) 394
Jenkins, M.L., M.A. Kirk and W.J. Phythian, Experimental studies of cascade phenomena in metals 205 (1993) 16
Jenkins, M.L., see King, S.L. 205 (1993) 467

Kai, J.J., see Lee, Y.S. 205 (1993) 476
Katoh, Y., Y. Kohno and A. Kohyama, Dual-ion irradiation effects on microstructure of austenitic alloys 205 (1993) 354
Kenik, E.A., Elemental inhomogeneities developed in stainless steels by radiation-induced segregation 205 (1993) 317
Kenik, E.A., see Carter, R.D. 205 (1993) 361
King, S.L., M.L. Jenkins, M.A. Kirk and C.A. English, Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys 205 (1993) 467
Kiritani, M., T. Yoshiie, S. Kojima and Y. Satoh, Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution 205 (1993) 460
Kiritani, M., see Garner, F.A. 205 (1993) 206
Kirk, M.A., see Jenkins, M.L. 205 (1993) 16
Kirk, M.A., see Vetrano, J.S. 205 (1993) 68
Kirk, M.A., see Bui, T.X. 205 (1993) 312
Kirk, M.A., see King, S.L. 205 (1993) 467
Kirk, M.A., see Smalinskas, K. 205 (1993) 483
Klatt, J.L., see Bui, T.X. 205 (1993) 312
Kohno, Y., see Katoh, Y. 205 (1993) 354
Kohyama, A., see Katoh, Y. 205 (1993) 354
Kojima, S., see Kiritani, M. 205 (1993) 460
Kruger, R.M. and R.B. Adamson, Precipitate behavior in zirconium-based alloys in BWRs 205 (1993) 242

Lee, Y.S., K.Y. Huang, C.Y. Huang, J.J. Kai and W.F. Hsieh, Effects of proton irradiation on the microstructural evolution and uniform corrosion resistance of Zircaloys 205 (1993) 476
Lefebvre, F., see Pêcheur, D. 205 (1993) 445
Lemaignan, C., see Griffiths, M. 205 (1993) 273
Lemaignan, C., see Pêcheur, D. 205 (1993) 445
Lesueur, D., see Dunlop, A. 205 (1993) 426

Martin, G., F. Soisson and P. Bellon, Phase stability and microstructural evolution in concentrated alloys under irradiation 205 (1993) 301
Martin, G., see Soisson, F. 205 (1993) 324
Matsui, H., H. Nakajima and S. Yoshida, Microstructural evolution in vanadium alloys by fast neutron irradiation 205 (1993) 452
Matthews, J.R., see Eyre, B.L. 205 (1993) 1
Maziasz, P.J., Overview of microstructural evolution in neutron-irradiated austenitic stainless steels 205 (1993) 118
McCarthy, J.M., see Garner, F.A. 205 (1993) 411
Moan, G.D., see Brown, L.M. 205 (1993) 490
Motta, A.T., L.M. Howe and P.R. Okamoto, Amorphization kinetics of Zr_3Fe under electron irradiation 205 (1993) 258
Motta, A.T., see Pêcheur, D. 205 (1993) 445
Muroga, T., see Yoshida, N. 205 (1993) 385

Nakajima, H., see Matsui, H. 205 (1993) 452
Newkirk, J.W., see Garner, F.A. 205 (1993) 206
Northwood, D.O., see Herring, R.A. 205 (1993) 284

Okamoto, P.R., see Motta, A.T. 205 (1993) 258
Okamoto, P.R., see Bellon, P. 205 (1993) 438

Pêcheur, D., F. Lefebvre, A.T. Motta, C. Lemaignan and D. Charquet, Effect of irradiation on the precipitate stability in Zr alloys 205 (1993) 445
Perovic, A., see Perovic, V. 205 (1993) 251

Perovic, V., A. Perovic, G.C. Weatherly, L.M. Brown, G.R. Purdy, R.G. Fleck and R.A. Holt, Microstructural and microchemical studies of Zr–2.5Nb pressure tube alloy 205 (1993) 251
Phythian, W.J., see Jenkins, M.L. 205 (1993) 16
Phythian, W.J., see Tappin, D.K. 205 (1993) 92
Phythian, W.J. and C.A. English, Microstructural evolution in reactor pressure vessel steels 205 (1993) 162
Phythian, W.J., see Buswell, J.T. 205 (1993) 198
Purdy, G.R., see Perovic, V. 205 (1993) 251

Regnard, C., see Griffiths, M. 205 (1993) 273
Rehn, L.E. and R.C. Birtcher, Experimental studies of free defect generation during irradiation – Implications for reactor environments 205 (1993) 31
Robertson, I.M., see Vetrano, J.S. 205 (1993) 68
Robertson, I.M., see Bui, T.X. 205 (1993) 312
Robertson, I.M., see Smalinskas, K. 205 (1993) 483
Russell, K.C., see Garner, F.A. 205 (1993) 411

Salomons, E., see Soisson, F. 205 (1993) 324
Satoh, Y., see Kiritani, M. 205 (1993) 460
Schumacher, G., see Bellon, P. 205 (1993) 438
Sekimura, N. and F.A. Garner, Microstructural evolution of neutron-irradiated Fe–Cr–Ni ternary alloys at high helium generation rates 205 (1993) 190
Sekimura, N., see Garner, F.A. 205 (1993) 206
Semenov, A.A. and C.H. Woo, Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions 205 (1993) 74
Séran, J.L., see Dubuisson, P. 205 (1993) 178
Shimomura, Y., see Fukushima, H. 205 (1993) 59
Shimomura, Y., M.W. Guinan and T. Diaz de la Rubia, Atomistics of void formation in irradiated copper 205 (1993) 374
Smalinskas, K., G. Chen, J. Haworth, D.K. Tappin, I.M. Robertson and M.A. Kirk, A study of the probability of vacancy loop formation in Ni–Cu and Ag-Pd alloys 205 (1993) 483
So, C.B., see Cann, C.D. 205 (1993) 267
Soisson, F., see Martin, G. 205 (1993) 301
Soisson, F., P. Bellon, G. Martin and E. Salomons, Interphase and antiphase boundary stability in bcc compounds under irradiation 205 (1993) 324
Styles, R.C., see Cann, C.D. 205 (1993) 267

Tanji, T., see Herring, R.A. 205 (1993) 284
Tappin, D.K., D.J. Bacon, C.A. English and W.J. Phythian, The characterisation of displacement-cascade collapse in Ni–Cr–Fe alloys 205 (1993) 92
Tappin, D.K., see Smalinskas, K. 205 (1993) 483
Tolley, A. and M. Ahlers, Irradiation effects on the $\beta \leftrightarrow 18R$ martensitic transformation in Cu–Zn–Al alloys 205 (1993) 339
Trinkaus, H., see Jäger, W. 205 (1993) 394

Vetrano, J.S., I.M. Robertson and M.A. Kirk, Influence of dilute impurities on the evolution of defect cascades in nickel 205 (1993) 68

Ward, A.E., see Buswell, J.T. 205 (1993) 198
Was, G.S. and T. Allen, Intercomparison of microchemical evolution under various types of particle irradiation 205 (1993) 332
Was, G.S., see Carter, R.D. 205 (1993) 361
Watanabe, H., see Garner, F.A. 205 (1993) 206
Weatherly, G.C., see Perovic, V. 205 (1993) 251
Wiedersich, H., Implications of defect clusters formed in cascades on free defect generation and microstructural development 205 (1993) 40
Woo, C.H., see Semenov, A.A. 205 (1993) 74
Woo, C.H., see Holt, R.A. 205 (1993) 293
Wooding, S.J., see Bacon, D.J. 205 (1993) 52

Yasukawa, M., see Yoshida, N. 205 (1993) 385
Yoshida, N., Evolution of microstructure in Fe-Cr-Ni austenitic alloys during irradiation 205 (1993) 344
Yoshida, N., M. Yasukawa and T. Muroga, Evolution of microstructure in nickel by low-energy deuterium ion irradiation 205 (1993) 385
Yoshida, S., see Matsui, H. 205 (1993) 452
Yoshiie, T., see Kiritani, M. 205 (1993) 460

Journal of Nuclear Materials 205 (1993) 501–508
North-Holland

journal of nuclear materials

Subject index

Amorphization and Amorphous Materials
Precipitate behavior in zirconium-based alloys in BWRs, R.M. Kruger and R.B. Adamson 205 (1993) 242
Amorphization kinetics of Zr_3Fe under electron irradiation, A.T. Motta, L.M. Howe and P.R. Okamoto 205 (1993) 258
Effect of irradiation on the precipitate stability in Zr alloys, D. Pêcheur, F. Lefebvre, A.T. Motta, C. Lemaignan and D. Charquet 205 (1993) 445

Cavities *(includes Voids, Holes)*
Implications of defect clusters formed in cascades on free defect generation and microstructural development, H. Wiedersich 205 (1993) 40
Overview of microstructural evolution in neutron-irradiated austenitic stainless steels, P.J. Maziasz 205 (1993) 118
Evolution of microstructure in hcp metals during irradiation, M. Griffiths 205 (1993) 225
HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys, M. Griffiths, D. Gilbon, C. Regnard and C. Lemaignan 205 (1993) 273
Atomistics of void formation in irradiated copper, Y. Shimomura, M.W. Guinan and T. Diaz de la Rubia 205 (1993) 374
Defect ordering in metals under irradiation, W. Jäger and H. Trinkaus 205 (1993) 394

Cold-Worked Materials
Microstructural evolution of neutron-irradiated Fe–Cr–Ni ternary alloys at high helium generation rates, N. Sekimura and F.A. Garner 205 (1993) 190

Compatibility and Corrosion *(includes Stress Corrosion Cracking)*
Effects of proton irradiation on the microstructural evolution and uniform corrosion resistance of Zircaloys, Y.S. Lee, K.Y. Huang, C.Y. Huang, J.J. Kai and W.F. Hsieh 205 (1993) 476

Copper, Copper Alloys and Compounds
Irradiation effects on the $\beta \leftrightarrow 18R$ martensitic transformation in Cu–Zn–Al alloys, A. Tolley and M. Ahlers 205 (1993) 339
Atomistics of void formation in irradiated copper, Y. Shimomura, M.W. Guinan and T. Diaz de la Rubia 205 (1993) 374
Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution, M. Kiritani, T. Yoshiie, S. Kojima and Y. Satoh 205 (1993) 460

Defects and Defect Structures *(excludes by Irradiation)*
Computer simulation of low-energy displacement events in pure bcc and hcp metals, D.J. Bacon, A.F. Calder, J.M. Harder and S.J. Wooding 205 (1993) 52
Defect ordering in metals under irradiation, W. Jäger and H. Trinkaus 205 (1993) 394

Diffusion
Implications of defect clusters formed in cascades on free defect generation and microstructural development, H. Wiedersich 205 (1993) 40

Dislocations
Overview of microstructural evolution in neutron-irradiated austenitic stainless steels, P.J. Maziasz 205 (1993) 118
HREM of $\langle c \rangle$-type dislocations in high-dose neutron-irradiated and postirradiation annealed Zircaloy-2, R.A. Herring, T. Tanji and D.O. Northwood 205 (1993) 284
Elemental inhomogeneities developed in stainless steels by radiation-induced segregation, E.A. Kenik 205 (1993) 317
Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys, S.L. King, M.L. Jenkins, M.A. Kirk and C.A. English 205 (1993) 467

Electron Irradiation
Evolution of microstructure in face-centered cubic metals during irradiation, F.A. Garner 205 (1993) 98

Effects of stress on microstructural evolution during irradiation, D.S. Gelles 205 (1993) 146
Evolution of microstructure in hcp metals during irradiation, M. Griffiths 205 (1993) 225
Amorphization kinetics of Zr_3Fe under electron irradiation, A.T. Motta, L.M. Howe and P.R. Okamoto 205 (1993) 258
HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys, M. Griffiths, D. Gilbon, C. Regnard and C. Lemaignan 205 (1993) 273
Irradiation effects on the $\beta \leftrightarrow$ 18R martensitic transformation in Cu–Zn–Al alloys, A. Tolley and M. Ahlers 205 (1993) 339
Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys, S.L. King, M.L. Jenkins, M.A. Kirk and C.A. English 205 (1993) 467

Electron Microscopy
Experimental studies of cascade phenomena in metals, M.L. Jenkins, M.A. Kirk and W.J. Phythian 205 (1993) 16
Influence of dilute impurities on the evolution of defect cascades in nickel, J.S. Vetrano, I.M. Robertson and M.A. Kirk 205 (1993) 68
The characterisation of displacement-cascade collapse in Ni–Cr–Fe alloys, D.K. Tappin, D.J. Bacon, C.A. English and W.J. Phythian 205 (1993) 92
Influence of details of reactor history on microstructural development during neutron irradiation, F.A. Garner, N. Sekimura, M.L. Grossbeck, A.M. Ermi, J.W. Newkirk, H. Watanabe and M. Kiritani 205 (1993) 206
Evolution of microstructure in hcp metals during irradiation, M. Griffiths 205 (1993) 225
Precipitate behavior in zirconium-based alloys in BWRs, R.M. Kruger and R.B. Adamson 205 (1993) 242
Amorphization kinetics of Zr_3Fe under electron irradiation, A.T. Motta, L.M. Howe and P.R. Okamoto 205 (1993) 258
Precipitation in Zr–2.5Nb enhanced by proton irradiation, C.D. Cann, C.B. So, R.C. Styles and C.E. Coleman 205 (1993) 267
HREM of $\langle c \rangle$-type dislocations in high-dose neutron-irradiated and postirradiation annealed Zircaloy-2, R.A. Herring, T. Tanji and D.O. Northwood 205 (1993) 284
Elemental inhomogeneities developed in stainless steels by radiation-induced segregation, E.A. Kenik 205 (1993) 317
Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel, R.D. Carter, D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik 205 (1993) 361
Spinodal-like decomposition of Fe–35Ni and Fe–Cr–35Ni alloys during irradiation or thermal aging, F.A. Garner, J.M. McCarthy, K.C. Russell and J.J. Hoyt 205 (1993) 411
Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys, S.L. King, M.L. Jenkins, M.A. Kirk and C.A. English 205 (1993) 467
A study of the probability of vacancy loop formation in Ni–Cu and Ag-Pd alloys, K. Smalinskas, G. Chen, J. Haworth, D.K. Tappin, I.M. Robertson and M.A. Kirk 205 (1993) 483

Gamma Irradiation
Experimental studies of free defect generation during irradiation – Implications for reactor environments, L.E. Rehn and R.C. Birtcher 205 (1993) 31

Gases *(excludes Hydrogen, Helium and Tritium)* **in Materials**
Atomistics of void formation in irradiated copper, Y. Shimomura, M.W. Guinan and T. Diaz de la Rubia 205 (1993) 374

Grain Boundaries
Elemental inhomogeneities developed in stainless steels by radiation-induced segregation, E.A. Kenik 205 (1993) 317
Intercomparison of microchemical evolution under various types of particle irradiation, G.S. Was and T. Allen 205 (1993) 332

Growth
Production bias – A potential driving force for irradiation growth, R.A. Holt, C.H. Woo and C.K. Chow 205 (1993) 293

Helium
Microstructural evolution of neutron-irradiated Fe–Cr–Ni ternary alloys at high helium generation rates, N. Sekimura and F.A. Garner 205 (1993) 190
Dual-ion irradiation effects on microstructure of austenitic alloys, Y. Katoh, Y. Kohno and A. Kohyama 205 (1993) 354

Hydrogen and Hydrides *(includes Deuterium and Deuterides)*
Evolution of microstructure in nickel by low-energy deuterium ion irradiation, N. Yoshida, M. Yasukawa and T. Muroga 205 (1993) 385

Impurities
Influence of dilute impurities on the evolution of defect cascades in nickel, J.S. Vetrano, I.M. Robertson and M.A. Kirk 205 (1993) 68

Interfaces
Phase stability and microstructural evolution in concentrated alloys under irradiation, G. Martin, F. Soisson and P. Bellon 205 (1993) 301
Interphase and antiphase boundary stability in bcc compounds under irradiation, F. Soisson, P. Bellon, G. Martin and E. Salomons 205 (1993) 324

Ion Irradiation
Experimental studies of cascade phenomena in metals, M.L. Jenkins, M.A. Kirk and W.J. Phythian 205 (1993) 16
Influence of dilute impurities on the evolution of defect cascades in nickel, J.S. Vetrano, I.M. Robertson and M.A. Kirk 205 (1993) 68
Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions, A.A. Semenov and C.H. Woo 205 (1993) 74
Evolution of microstructure in face-centered cubic metals during irradiation, F.A. Garner 205 (1993) 98
Effects of stress on microstructural evolution during irradiation, D.S. Gelles 205 (1993) 146
In-situ observation of an austenitic stainless steel weld joint during helium irradiation, S. Hamada, K. Hojou and A. Hishinuma 205 (1993) 219
Precipitation in Zr–2.5Nb enhanced by proton irradiation, C.D. Cann, C.B. So, R.C. Styles and C.E. Coleman 205 (1993) 267
Radiation-induced segregation behavior in random and ordered face-centered cubic materials, T.X. Bui, I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk 205 (1993) 312
Evolution of microstructure in Fe-Cr-Ni austenitic alloys during irradiation, N. Yoshida 205 (1993) 344
Dual-ion irradiation effects on microstructure of austenitic alloys, Y. Katoh, Y. Kohno and A. Kohyama 205 (1993) 354
Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel, R.D. Carter, D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik 205 (1993) 361
Evolution of microstructure in nickel by low-energy deuterium ion irradiation, N. Yoshida, M. Yasukawa and T. Muroga 205 (1993) 385
Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations, A. Dunlop, D. Lesueur and A. Barbu 205 (1993) 426
Non-equilibrium structures induced by ion irradiation in Ni_4Mo, P. Bellon, P.R. Okamoto and G. Schumacher 205 (1993) 438
Effects of proton irradiation on the microstructural evolution and uniform corrosion resistance of Zircaloys, Y.S. Lee, K.Y. Huang, C.Y. Huang, J.J. Kai and W.F. Hsieh 205 (1993) 476
A study of the probability of vacancy loop formation in Ni–Cu and Ag-Pd alloys, K. Smalinskas, G. Chen, J. Haworth, D.K. Tappin, I.M. Robertson and M.A. Kirk 205 (1993) 483

Iron, Iron Alloys *(excludes Steels)* **and Compounds**
Computer simulation of low-energy displacement events in pure bcc and hcp metals, D.J. Bacon, A.F. Calder, J.M. Harder and S.J. Wooding 205 (1993) 52
Microstructural evolution of neutron-irradiated Fe–Cr–Ni ternary alloys at high helium generation rates, N. Sekimura and F.A. Garner 205 (1993) 190
Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys, S.L. King, M.L. Jenkins, M.A. Kirk and C.A. English 205 (1993) 467

Irradiation *(not listed elsewhere, includes Irradiation History or Schedule)*
Influence of details of reactor history on microstructural development during neutron irradiation, F.A. Garner, N. Sekimura, M.L. Grossbeck, A.M. Ermi, J.W. Newkirk, H. Watanabe and M. Kiritani 205 (1993) 206
Interphase and antiphase boundary stability in bcc compounds under irradiation, F. Soisson, P. Bellon, G. Martin and E. Salomons 205 (1993) 324

Kinetics
Phase stability and microstructural evolution in concentrated alloys under irradiation, G. Martin, F. Soisson and P. Bellon 205 (1993) 301
Interphase and antiphase boundary stability in bcc compounds under irradiation, F. Soisson, P. Bellon, G. Martin and E. Salomons 205 (1993) 324
Non-equilibrium structures induced by ion irradiation in Ni_4Mo, P. Bellon, P.R. Okamoto and G. Schumacher 205 (1993) 438
Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution, M. Kiritani, T. Yoshiie, S. Kojima and Y. Satoh 205 (1993) 460

Low Activation and Low Activation Materials *(includes Reduced Activation)*
Microstructural evolution in vanadium alloys by fast neutron irradiation, H. Matsui, H. Nakajima and S. Yoshida 205 (1993) 452

Mathematical and Computational Methods

Computer simulation of low-energy displacement events in pure bcc and hcp metals, D.J. Bacon, A.F. Calder, J.M. Harder and S.J. Wooding 205 (1993) 52

Computer simulation of threshold displacement events in alloys, D.J. Bacon, H.F. Deng and F. Gao 205 (1993) 84

Atomistics of void formation in irradiated copper, Y. Shimomura, M.W. Guinan and T. Diaz de la Rubia 205 (1993) 374

Metals, Alloys and Compounds *(not listed elsewhere)*

Defect ordering in metals under irradiation, W. Jäger and H. Trinkaus 205 (1993) 394

Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations, A. Dunlop, D. Lesueur and A. Barbu 205 (1993) 426

Neutron Irradiation

Technological impact of microstructural evolution during irradiation, B.L. Eyre and J.R. Matthews 205 (1993) 1

Experimental studies of free defect generation during irradiation – Implications for reactor environments, L.E. Rehn and R.C. Birtcher 205 (1993) 31

Damage structure due to displacement cascades in 14 MeV neutron-irradiated metals studied by positron lifetime and TEM techniques, H. Fukushima and Y. Shimomura 205 (1993) 59

Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions, A.A. Semenov and C.H. Woo 205 (1993) 74

Evolution of microstructure in face-centered cubic metals during irradiation, F.A. Garner 205 (1993) 98

Effects of stress on microstructural evolution during irradiation, D.S. Gelles 205 (1993) 146

Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix, P. Dubuisson, D. Gilbon and J.L. Séran 205 (1993) 178

Microstructural evolution of neutron-irradiated Fe–Cr–Ni ternary alloys at high helium generation rates, N. Sekimura and F.A. Garner 205 (1993) 190

Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal, J.T. Buswell, P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian 205 (1993) 198

Influence of details of reactor history on microstructural development during neutron irradiation, F.A. Garner, N. Sekimura, M.L. Grossbeck, A.M. Ermi, J.W. Newkirk, H. Watanabe and M. Kiritani 205 (1993) 206

Evolution of microstructure in hcp metals during irradiation, M. Griffiths 205 (1993) 225

Precipitate behavior in zirconium-based alloys in BWRs, R.M. Kruger and R.B. Adamson 205 (1993) 242

Microstructural and microchemical studies of Zr–2.5Nb pressure tube alloy, V. Perovic, A. Perovic, G.C. Weatherly, L.M. Brown, G.R. Purdy, R.G. Fleck and R.A. Holt 205 (1993) 251

HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys, M. Griffiths, D. Gilbon, C. Regnard and C. Lemaignan 205 (1993) 273

Production bias – A potential driving force for irradiation growth, R.A. Holt, C.H. Woo and C.K. Chow 205 (1993) 293

Irradiation effects on the $\beta \leftrightarrow 18R$ martensitic transformation in Cu–Zn–Al alloys, A. Tolley and M. Ahlers 205 (1993) 339

Evolution of microstructure in Fe-Cr-Ni austenitic alloys during irradiation, N. Yoshida 205 (1993) 344

Spinodal-like decomposition of Fe–35Ni and Fe–Cr–35Ni alloys during irradiation or thermal aging, F.A. Garner, J.M. McCarthy, K.C. Russell and J.J. Hoyt 205 (1993) 411

Microstructural evolution in vanadium alloys by fast neutron irradiation, H. Matsui, H. Nakajima and S. Yoshida 205 (1993) 452

Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution, M. Kiritani, T. Yoshiie, S. Kojima and Y. Satoh 205 (1993) 460

Nickel, Nickel Alloys and Compounds

Influence of dilute impurities on the evolution of defect cascades in nickel, J.S. Vetrano, I.M. Robertson and M.A. Kirk 205 (1993) 68

Radiation-induced segregation behavior in random and ordered face-centered cubic materials, T.X. Bui, I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk 205 (1993) 312

Evolution of microstructure in nickel by low-energy deuterium ion irradiation, N. Yoshida, M. Yasukawa and T. Muroga 205 (1993) 385

Non-equilibrium structures induced by ion irradiation in Ni_4Mo, P. Bellon, P.R. Okamoto and G. Schumacher 205 (1993) 438

Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution, M. Kiritani, T. Yoshiie, S. Kojima and Y. Satoh 205 (1993) 460

Niobium, Niobium Alloys and Compounds
Precipitation in Zr–2.5Nb enhanced by proton irradiation, C.D. Cann, C.B. So, R.C. Styles and C.E. Coleman 205 (1993) 267

Phase Equilibria *(includes Constitution, Phase Stability, Phase Instability)*
Phase stability and microstructural evolution in concentrated alloys under irradiation, G. Martin, F. Soisson and P. Bellon 205 (1993) 301
Spinodal-like decomposition of Fe–35Ni and Fe–Cr–35Ni alloys during irradiation or thermal aging, F.A. Garner, J.M. McCarthy, K.C. Russell and J.J. Hoyt 205 (1993) 411
Non-equilibrium structures induced by ion irradiation in Ni_4Mo, P. Bellon, P.R. Okamoto and G. Schumacher 205 (1993) 438

Phase Transformation *(includes Evaporation, Sublimation)*
Interphase and antiphase boundary stability in bcc compounds under irradiation, F. Soisson, P. Bellon, G. Martin and E. Salomons 205 (1993) 324
Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations, A. Dunlop, D. Lesueur and A. Barbu 205 (1993) 426

Plasma–Materials Interaction
Evolution of microstructure in nickel by low-energy deuterium ion irradiation, N. Yoshida, M. Yasukawa and T. Muroga 205 (1993) 385

Precipitates and Precipitation
Overview of microstructural evolution in neutron-irradiated austenitic stainless steels, P.J. Maziasz 205 (1993) 118
Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal, J.T. Buswell, P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian 205 (1993) 198
In-situ observation of an austenitic stainless steel weld joint during helium irradiation, S. Hamada, K. Hojou and A. Hishinuma 205 (1993) 219
Precipitate behavior in zirconium-based alloys in BWRs, R.M. Kruger and R.B. Adamson 205 (1993) 242
Precipitation in Zr–2.5Nb enhanced by proton irradiation, C.D. Cann, C.B. So, R.C. Styles and C.E. Coleman 205 (1993) 267

Pressure Vessels
Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal, J.T. Buswell, P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian 205 (1993) 198

Radiation Effects: Atomic Defects
Experimental studies of cascade phenomena in metals, M.L. Jenkins, M.A. Kirk and W.J. Phythian 205 (1993) 16
Experimental studies of free defect generation during irradiation – Implications for reactor environments, L.E. Rehn and R.C. Birtcher 205 (1993) 31
Implications of defect clusters formed in cascades on free defect generation and microstructural development, H. Wiedersich 205 (1993) 40
Computer simulation of low-energy displacement events in pure bcc and hcp metals, D.J. Bacon, A.F. Calder, J.M. Harder and S.J. Wooding 205 (1993) 52
Damage structure due to displacement cascades in 14 MeV neutron-irradiated metals studied by positron lifetime and TEM techniques, H. Fukushima and Y. Shimomura 205 (1993) 59
Computer simulation of threshold displacement events in alloys, D.J. Bacon, H.F. Deng and F. Gao 205 (1993) 84
The characterisation of displacement-cascade collapse in Ni–Cr–Fe alloys, D.K. Tappin, D.J. Bacon, C.A. English and W.J. Phythian 205 (1993) 92
Radiation-induced segregation behavior in random and ordered face-centered cubic materials, T.X. Bui, I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk 205 (1993) 312
Evolution of microstructure in Fe-Cr-Ni austenitic alloys during irradiation, N. Yoshida 205 (1993) 344
Atomistics of void formation in irradiated copper, Y. Shimomura, M.W. Guinan and T. Diaz de la Rubia 205 (1993) 374
Evolution of microstructure in nickel by low-energy deuterium ion irradiation, N. Yoshida, M. Yasukawa and T. Muroga 205 (1993) 385
Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations, A. Dunlop, D. Lesueur and A. Barbu 205 (1993) 426

Radiation Effects: Extended Defects, Microstructures
Technological impact of microstructural evolution during irradiation, B.L. Eyre and J.R. Matthews 205 (1993) 1
Experimental studies of cascade phenomena in metals, M.L. Jenkins, M.A. Kirk and W.J. Phythian 205 (1993) 16
Implications of defect clusters formed in cascades on free defect generation and microstructural development, H. Wiedersich 205 (1993) 40

Damage structure due to displacement cascades in 14 MeV neutron-irradiated metals studied by positron lifetime and TEM techniques, H. Fukushima and Y. Shimomura 205 (1993) 59
Influence of dilute impurities on the evolution of defect cascades in nickel, J.S. Vetrano, I.M. Robertson and M.A. Kirk 205 (1993) 68
Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions, A.A. Semenov and C.H. Woo 205 (1993) 74
Computer simulation of threshold displacement events in alloys, D.J. Bacon, H.F. Deng and F. Gao 205 (1993) 84
Evolution of microstructure in face-centered cubic metals during irradiation, F.A. Garner 205 (1993) 98
Overview of microstructural evolution in neutron-irradiated austenitic stainless steels, P.J. Maziasz 205 (1993) 118
Effects of stress on microstructural evolution during irradiation, D.S. Gelles 205 (1993) 146
Microstructural evolution in reactor pressure vessel steels, W.J. Phythian and C.A. English 205 (1993) 162
Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix, P. Dubuisson, D. Gilbon and J.L. Séran 205 (1993) 178
Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal, J.T. Buswell, P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian 205 (1993) 198
Influence of details of reactor history on microstructural development during neutron irradiation, F.A. Garner, N. Sekimura, M.L. Grossbeck, A.M. Ermi, J.W. Newkirk, H. Watanabe and M. Kiritani 205 (1993) 206
In-situ observation of an austenitic stainless steel weld joint during helium irradiation, S. Hamada, K. Hojou and A. Hishinuma 205 (1993) 219
Evolution of microstructure in hcp metals during irradiation, M. Griffiths 205 (1993) 225
Microstructural and microchemical studies of Zr–2.5Nb pressure tube alloy, V. Perovic, A. Perovic, G.C. Weatherly, L.M. Brown, G.R. Purdy, R.G. Fleck and R.A. Holt 205 (1993) 251
Amorphization kinetics of Zr_3Fe under electron irradiation, A.T. Motta, L.M. Howe and P.R. Okamoto 205 (1993) 258
HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys, M. Griffiths, D. Gilbon, C. Regnard and C. Lemaignan 205 (1993) 273
HREM of $\langle c \rangle$-type dislocations in high-dose neutron-irradiated and postirradiation annealed Zircaloy-2, R.A. Herring, T. Tanji and D.O. Northwood 205 (1993) 284
Phase stability and microstructural evolution in concentrated alloys under irradiation, G. Martin, F. Soisson and P. Bellon 205 (1993) 301
Interphase and antiphase boundary stability in bcc compounds under irradiation, F. Soisson, P. Bellon, G. Martin and E. Salomons 205 (1993) 324
Irradiation effects on the $\beta \leftrightarrow 18R$ martensitic transformation in Cu–Zn–Al alloys, A. Tolley and M. Ahlers 205 (1993) 339
Dual-ion irradiation effects on microstructure of austenitic alloys, Y. Katoh, Y. Kohno and A. Kohyama 205 (1993) 354
Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel, R.D. Carter, D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik 205 (1993) 361
Defect ordering in metals under irradiation, W. Jäger and H. Trinkaus 205 (1993) 394
Spinodal-like decomposition of Fe–35Ni and Fe–Cr–35Ni alloys during irradiation or thermal aging, F.A. Garner, J.M. McCarthy, K.C. Russell and J.J. Hoyt 205 (1993) 411
Evolution of microstructure resulting from high electronic excitation during swift heavy ion irradiations, A. Dunlop, D. Lesueur and A. Barbu 205 (1993) 426
Non-equilibrium structures induced by ion irradiation in Ni_4Mo, P. Bellon, P.R. Okamoto and G. Schumacher 205 (1993) 438
Effect of irradiation on the precipitate stability in Zr alloys, D. Pêcheur, F. Lefebvre, A.T. Motta, C. Lemaignan and D. Charquet 205 (1993) 445
Microstructural evolution in vanadium alloys by fast neutron irradiation, H. Matsui, H. Nakajima and S. Yoshida 205 (1993) 452
Origin of unbalanced reaction of vacancies and interstitials during irradiation with cascades and influence on microstructural evolution, M. Kiritani, T. Yoshiie, S. Kojima and Y. Satoh 205 (1993) 460
Weak-beam imaging of dissociated dislocations in HVEM-irradiated Fe–Ni–Cr alloys, S.L. King, M.L. Jenkins, M.A. Kirk and C.A. English 205 (1993) 467
Effects of proton irradiation on the microstructural evolution and uniform corrosion resistance of Zircaloys, Y.S. Lee, K.Y. Huang, C.Y. Huang, J.J. Kai and W.F. Hsieh 205 (1993) 476

A study of the probability of vacancy loop formation in Ni–Cu and Ag-Pd alloys, K. Smalinskas, G. Chen, J. Haworth, D.K. Tappin, I.M. Robertson and M.A. Kirk 205 (1993) 483

Radiation Effects: Mechanical Properties

Evolution of microstructure in face-centered cubic metals during irradiation, F.A. Garner 205 (1993) 98

Microstructural evolution in reactor pressure vessel steels, W.J. Phythian and C.A. English 205 (1993) 162

Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix, P. Dubuisson, D. Gilbon and J.L. Séran 205 (1993) 178

Radiation Effects: Physical Properties

Computer simulation of threshold displacement events in alloys, D.J. Bacon, H.F. Deng and F. Gao 205 (1993) 84

Intercomparison of microchemical evolution under various types of particle irradiation, G.S. Was and T. Allen 205 (1993) 332

Segregation

Microstructural and microchemical studies of Zr–2.5Nb pressure tube alloy, V. Perovic, A. Perovic, G.C. Weatherly, L.M. Brown, G.R. Purdy, R.G. Fleck and R.A. Holt 205 (1993) 251

Radiation-induced segregation behavior in random and ordered face-centered cubic materials, T.X. Bui, I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk 205 (1993) 312

Elemental inhomogeneities developed in stainless steels by radiation-induced segregation, E.A. Kenik 205 (1993) 317

Intercomparison of microchemical evolution under various types of particle irradiation, G.S. Was and T. Allen 205 (1993) 332

Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel, R.D. Carter, D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik 205 (1993) 361

Steels, Austenitic

Technological impact of microstructural evolution during irradiation, B.L. Eyre and J.R. Matthews 205 (1993) 1

Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions, A.A. Semenov and C.H. Woo 205 (1993) 74

The characterisation of displacement-cascade collapse in Ni–Cr–Fe alloys, D.K. Tappin, D.J. Bacon, C.A. English and W.J. Phythian 205 (1993) 92

Overview of microstructural evolution in neutron-irradiated austenitic stainless steels, P.J. Maziasz 205 (1993) 118

Effects of stress on microstructural evolution during irradiation, D.S. Gelles 205 (1993) 146

In-situ observation of an austenitic stainless steel weld joint during helium irradiation, S. Hamada, K. Hojou and A. Hishinuma 205 (1993) 219

Elemental inhomogeneities developed in stainless steels by radiation-induced segregation, E.A. Kenik 205 (1993) 317

Intercomparison of microchemical evolution under various types of particle irradiation, G.S. Was and T. Allen 205 (1993) 332

Evolution of microstructure in Fe-Cr-Ni austenitic alloys during irradiation, N. Yoshida 205 (1993) 344

Dual-ion irradiation effects on microstructure of austenitic alloys, Y. Katoh, Y. Kohno and A. Kohyama 205 (1993) 354

Effects of proton irradiation on the microstructure and microchemistry of type 304L stainless steel, R.D. Carter, D.L. Damcott, M. Atzmon, G.S. Was and E.A. Kenik 205 (1993) 361

Steels, Ferritic

Technological impact of microstructural evolution during irradiation, B.L. Eyre and J.R. Matthews 205 (1993) 1

Microstructural evolution in reactor pressure vessel steels, W.J. Phythian and C.A. English 205 (1993) 162

Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix, P. Dubuisson, D. Gilbon and J.L. Séran 205 (1993) 178

Microstructural developments in neutron-irradiated mild steel submerged-arc weld metal, J.T. Buswell, P.J.E. Bischler, S.T. Fenton, A.E. Ward and W.J. Phythian 205 (1993) 198

Structural Materials

Experimental studies of free defect generation during irradiation – Implications for reactor environments, L.E. Rehn and R.C. Birtcher 205 (1993) 31

Surface Effects

Radiation-induced segregation behavior in random and ordered face-centered cubic materials, T.X. Bui, I.M. Robertson, J.L. Klatt, R.S. Averback and M.A. Kirk 205 (1993) 312

Swelling
Microstructural evolution of ferritic–martensitic steels irradiated in the fast breeder reactor Phénix, P. Dubuisson, D. Gilbon and J.L. Séran 205 (1993) 178
In-situ observation of an austenitic stainless steel weld joint during helium irradiation, S. Hamada, K. Hojou and A. Hishinuma 205 (1993) 219
Dual-ion irradiation effects on microstructure of austenitic alloys, Y. Katoh, Y. Kohno and A. Kohyama 205 (1993) 354

Theory and Modelling
Implications of defect clusters formed in cascades on free defect generation and microstructural development, H. Wiedersich 205 (1993) 40
Stochastic fluctuations and microstructural evolution during irradiation by neutrons and heavy ions, A.A. Semenov and C.H. Woo 205 (1993) 74
Computer simulation of threshold displacement events in alloys, D.J. Bacon, H.F. Deng and F. Gao 205 (1993) 84
Production bias – A potential driving force for irradiation growth, R.A. Holt, C.H. Woo and C.K. Chow 205 (1993) 293
Defect ordering in metals under irradiation, W. Jäger and H. Trinkaus 205 (1993) 394

Thermal Reactors
Experimental studies of free defect generation during irradiation – Implications for reactor environments, L.E. Rehn and R.C. Birtcher 205 (1993) 31

Titanium, Titanium Alloys and Compounds
Computer simulation of low-energy displacement events in pure bcc and hcp metals, D.J. Bacon, A.F. Calder, J.M. Harder and S.J. Wooding 205 (1993) 52

Vanadium, Vanadium Alloys and Compounds
Microstructural evolution in vanadium alloys by fast neutron irradiation, H. Matsui, H. Nakajima and S. Yoshida 205 (1993) 452

Zirconium, Zirconium Alloys and Compounds
Technological impact of microstructural evolution during irradiation, B.L. Eyre and J.R. Matthews 205 (1993) 1
Precipitate behavior in zirconium-based alloys in BWRs, R.M. Kruger and R.B. Adamson 205 (1993) 242
Microstructural and microchemical studies of Zr–2.5Nb pressure tube alloy, V. Perovic, A. Perovic, G.C. Weatherly, L.M. Brown, G.R. Purdy, R.G. Fleck and R.A. Holt 205 (1993) 251
Amorphization kinetics of Zr_3Fe under electron irradiation, A.T. Motta, L.M. Howe and P.R. Okamoto 205 (1993) 258
Precipitation in Zr–2.5Nb enhanced by proton irradiation, C.D. Cann, C.B. So, R.C. Styles and C.E. Coleman 205 (1993) 267
HVEM study of the effects of alloying elements and impurities on radiation damage in Zr-alloys, M. Griffiths, D. Gilbon, C. Regnard and C. Lemaignan 205 (1993) 273
HREM of $\langle c \rangle$-type dislocations in high-dose neutron-irradiated and postirradiation annealed Zircaloy-2, R.A. Herring, T. Tanji and D.O. Northwood 205 (1993) 284
Production bias – A potential driving force for irradiation growth, R.A. Holt, C.H. Woo and C.K. Chow 205 (1993) 293
Effect of irradiation on the precipitate stability in Zr alloys, D. Pêcheur, F. Lefebvre, A.T. Motta, C. Lemaignan and D. Charquet 205 (1993) 445
Effects of proton irradiation on the microstructural evolution and uniform corrosion resistance of Zircaloys, Y.S. Lee, K.Y. Huang, C.Y. Huang, J.J. Kai and W.F. Hsieh 205 (1993) 476